

# SOUTH SOUND – BLACKJACK CREEK SUMMER CHUM

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## STOCK STATUS

1992 STATUS

**Healthy**

2002 STATUS

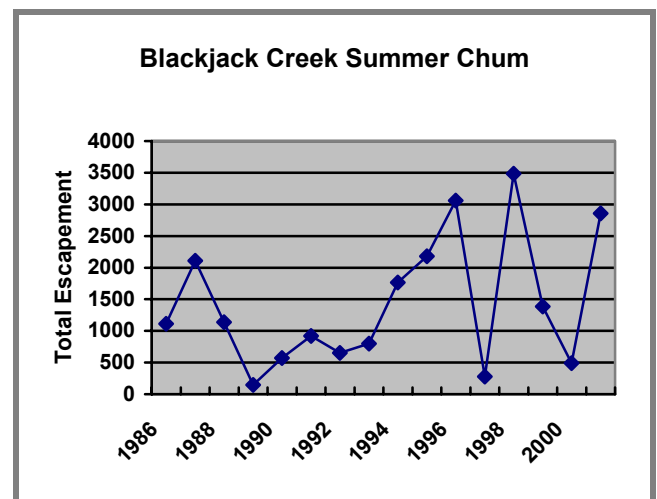
**Healthy**

## STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK

STATUS: Good

YEAR	TOTAL ESCAPEMENT
1986	1,112
1987	2,109
1988	1,136
1989	146
1990	570
1991	918
1992	650
1993	797
1994	1,766
1995	2,179
1996	3,058
1997	280
1998	3,486
1999	1,388
2000	489
2001	2,856
2002	3,880
2003	5,058



Data are total escapement estimates based on annual index counts of live spawners in Blackjack Creek, an independent East Kitsap stream that flows into Sinclair Inlet.

Stock status is rated **Healthy** in 2002. This stock has a long-term pattern of relatively stable escapements, with somewhat higher escapements in the 1990s.

## STOCK DEFINITION

Blackjack Creek summer chum were identified as a stock based on their distinct spawner distribution, spawning timing, and genetic composition.

**SPAWNING DISTRIBUTION:** Most spawning takes place in Blackjack Creek, although some fish utilize Curley Creek, a Yukon Harbor tributary.

**SPAWNING TIMING:** Spawning generally occurs from mid-September through late October.

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GENETIC ANALYSIS: Allozyme analysis has shown Blackjack Creek summer chum salmon to be genetically distinct from all other Washington chum stocks examined (Phelps et al. 1995).

## STOCK ORIGIN

This is a **native** stock with **wild** production.